# TVA Fact Sheet

#### **CORPORATE OVERVIEW**

TVA, a U.S. Government-owned corporation, is the nation's largest power producer. TVA operates and maintains 28,123 megawatts of generating capacity and 17,000 miles of transmission line. TVA supplies the energy needs of nearly 8 million people over a power service area covering 80,000 square miles, including most of Tennessee and parts of Mississippi, Alabama, Georgia, North Carolina, Virginia, and Kentucky. No U.S. tax dollars support the TVA power system. TVA receives \$106 million of federal funds for management of non-power programs for the U.S. Government.



#### **QUICK FACTS**

| 2010K 17013              |     |  |
|--------------------------|-----|--|
| NYSE Symbol:             |     | TVA (Tn Vly QIDS 45)<br>TVB (Tn Vly QIDS 46)   |
| Total Revenue:           |     | \$5.7 Billion  |
| Total Assets:            |     | \$34 Billion   |
| Fiscal Year:             |     | September 30   |
| Ownership:               |     | United States Government   |
| Charter:                 |     | TVA Act - 1933   |
| Chairman:                |     | Craven Crowell   |
| Employees:               |     | 15,500   |
| Geographic Area:         |     | Southeastern United States   |
| Core Businesses:         |     | Electricity Generation<br>Electricity Transmission   |
|                          | 1 F | 11 Fossil Plants (59 Units)<br>3 Nuclear Plants (5 Units)<br>29 Hydro Plants (109 Units)<br>estion Turbine Plants (48 Units)<br>Pumped Storage Plant (4 Units)<br>000 Miles of Transmission Line |
| Average Wholesale Price: |     | : 4¢ kWh<br>1997 is TVA's tenth year<br>without a price increase   |
| Wholesale Customers      | :   | 160 Municipal<br>and Cooperative<br>Distributors   |
| Retail Customers:        |     | 67 Large Industrial<br>and Federal Accounts  |
| _                        |     |  |

#### **TVA Service Area**

Consumers:



8 million

#### **Dividend Policy:**

TVA has paid the United States Government, its owner, an uninterrupted cash dividend since 1959 as a market rate of interest return on the government's initial appropriation investment in TVA power facilities. In addition, TVA has reduced the Government's initial \$1.4 billion appropriation investment by \$20 million annually. The 1996 combined payment to the U.S. Treasury was \$63 million. Payments to the U.S. Treasury since 1959 have exceeded \$3.1 billion.

#### **Earnings Objective:**

Consistent with its Federal Charter, TVA's objective is to deliver a reliable supply of power to its customers "at the lowest possible rates" as required by Congress in the TVA Act, so it operates much like a non-profit corporation. TVA also is required by statute and bond resolutions to achieve certain levels of earnings for the protection of its investors.

| Financial Highlights      | (mi              | (millions)       |  |
|---------------------------|------------------|------------------|--|
|                           | <u> 1996</u>     | <u> 1995</u>     |  |
| <b>Operating Revenues</b> | \$ 5,693         | \$ 5,375         |  |
| Operating Expenses        | (3,656)          | (3,448)          |  |
| Operating Income          | 2,037            | 1,927            |  |
| Other Expenses, Net       | (10)             | (91)             |  |
| Interest Expense          | <u>(1,966</u> )  | (1,826)          |  |
| Net Income                | \$ <u>61</u>     | \$ <u>10</u>     |  |
|                           |                  |                  |  |
| Total Assets              | \$34,029         | \$33,293         |  |
| Capitalization            |                  |                  |  |
| Long-Term Debt            | \$25,570         | \$23,889         |  |
| Proprietary Capital       | 4,028            | 4,030            |  |
| Total Capitalization      | \$ <u>29,598</u> | \$ <u>27,919</u> |  |

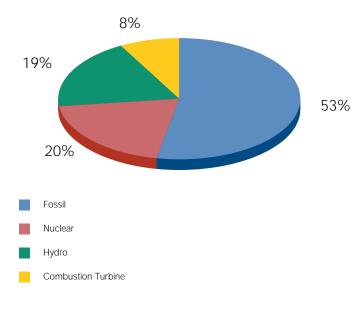
## CORE BUSINESS CHARACTERISTICS

Winter Net Dependable Generating Capacity\*

| Fuel Type         | Number of Plants | Number of Units | MW     |
|-------------------|------------------|-----------------|--------|
| Fossil            | 11               | 59              | 15,012 |
| Nuclear           | 3                | 5               | 5,545  |
| Hydro**           | 30               | 113             | 5,298  |
| Combustion Turbin | nes 4            | 48              | 2,268  |
| Total             | 48               | 225             | 28,123 |

\*TVA achieved an all-time system peak demand of 26,670 MW on January 17, 1997.

#### **Generation Mix by Fuel Type**



#### **Transmission System**

- 17,000 miles of transmission line
- Strategic interconnections with surrounding utilities
- Well-positioned geographically to be a conduit for power transfers
- Strong system reliability as measured by the number of transmission line interruptions
- 11% decrease in the number of transmission line interruptions from 1995 to 1996

<sup>\*\*</sup>Includes pumped storage

#### **TVA Power Exchange Agreements**

| Appalachian Power Company               |  |  |  |  |
|---|--|--|--|--|
| Carolina Power & Light Company          |  |  |  |  |
| Central Illinois Public Service Company |  |  |  |  |
| Cincinnati Gas & Electric Company       |  |  |  |  |
| East Kentucky Power Cooperative         |  |  |  |  |
| Electric Energy, Incorporated           |  |  |  |  |
| Entergy Power, Incorporated             |  |  |  |  |
| Illinois Power Company                  |  |  |  |  |
| Kentucky Utilities Company              |  |  |  |  |
| Louisville Gas & Electric Company       |  |  |  |  |
| Mississippi Power & Light Company       |  |  |  |  |
| Nantahala Power and Light Company       |  |  |  |  |
| Southern Company                        |  |  |  |  |
| Tapoco, Inc.                            |  |  |  |  |
| Union Electric Company                  |  |  |  |  |

#### **Wholesale Customers**

- Power distributors (110 municipal and 50 cooperative)
- 89% of TVA's revenues and 83% of kWh sales
- 6% growth in energy sales to distributors in 1996
- Long-term contracts currently in place with 158, including the five largest

#### **Top Five Power Distributors**

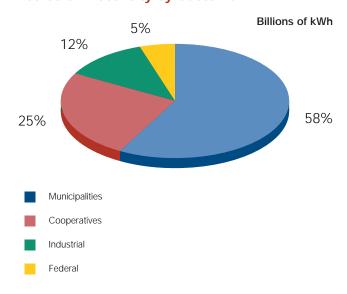
|                                   | Billion | % of        |
|-----------------------------------|---------|-------------|
|                                   | KWH     | Total Sales |
| Memphis Light Gas and Water       | 13.2    | 9.4%        |
| Nashville Electric Service        | 11.6    | 8.3%        |
| Chattanooga Electric Power Board  | 5.9     | 4.2%        |
| Knoxville Utilities Board         |         | 3.8%        |
| <b>Huntsville Utilities Board</b> | 4.3     | 3.0%        |

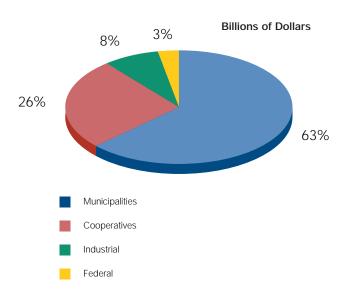
#### **Retail Customers**

- 67 Industrial Companies and Federal Agencies
- 11% of TVA's revenues (Industries + Federal) and 17% of kWh sales
- Attracted to the TVA Service Area by TVA's low electricity prices
- Strong driver of economic growth in the Valley
- Solid mix of industry, including paper, chemicals, automotive, and textiles

#### **CUSTOMER CHARACTERISTICS**

#### Sales of Electricity by Customer Mix

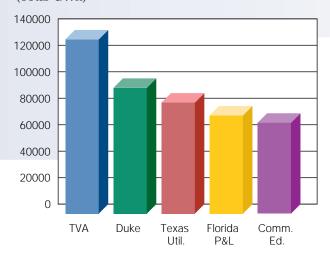




#### **COMPETITIVE CHARACTERISTICS**

- · Nation's largest power producer
- Second lowest production cost among nation's top 50 utilities
- Average wholesale price of 4¢ per kWh
- Nominal average selling price declined 15% from 1987 to 1996
- Real price of TVA electricity has declined by 40% over the last ten years
- Reduced headcount by more than 50% since 1988

**Top 5 Generating Utilities in 1995** (Total GWh)

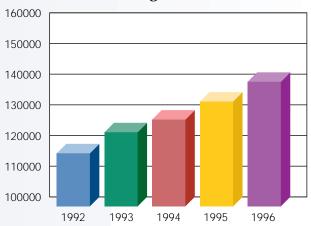


According to Electric Light & Power, October 1996

#### **Electricity Sales Growth\***

(millions of kWh)

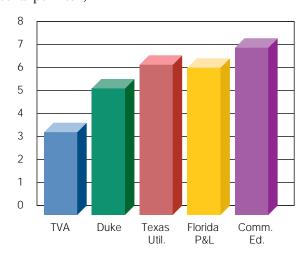
#### 4.7% Average Annual Growth



\*Excludes interchange purchases and sales transactions with other utilities

### Cost\* Comparison of Top 5 Generators

(cents per kWh)



According to *Electric Light & Power*, October 1996 \*Total Electric Service Cost. Table 4

#### For more information, please contact:

Sylvia H. (Sissy) Caldwell Manager, Investor Relations Tennessee Valley Authority 400 West Summit Hill Drive Knoxville, Tennessee 37902

Phone: 423-632-8073 Fax: 423-632-6673

E-mail address: shcaldwell@tva.gov